## Simplicial Surfaces

June 2017

Alice Niemeyer Markus Baumeister

Alice Niemeyer Email: Alice.Niemeyer@mathb.rwth-aachen.de

Markus Baumeister Email: Markus.Baumeister1@RWTH-Aachen.De

## **Contents**

1 What can it do?

## **Chapter 1**

## What can it do?

The SimplicialSurface-package contains this basic functionality:

- 1. Working with simplicial surfaces (and generalisations of that), for example: TODO
- 2. Working with edge colourings of simplicial surfaces (for the purposes of an embedding)
- 3. Treatment of folding and unfolding for these objects. TODO

We want to show an image of a triangle: After the image we put another one. A our minimal example.

This ends